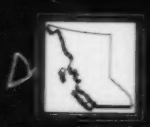
ANNUAL REPORT



for the period
April 1, 1989 to March 31, 1990

Ministry of Crown Lands

ANNUAL REPORT

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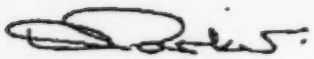
Lieutenant-Governor of British Columbia in Council
Parliament Buildings
Victoria, British Columbia

May It Please Your Honour:

Herewith I respectfully submit the Annual Report of the Ministry of Crown Lands for the fiscal year ended March 31, 1990.



The Honourable Dave Parker
Minister of Crown Lands

The Honourable Dave Parker
Minister of Crown Lands
Parliament Buildings
Victoria, British Columbia

Sir:

I have the honour to submit the Annual Report
of the Ministry of Crown Lands for the fiscal year ending
March 31, 1990.

E.R. Macgregor
Deputy Minister
Ministry of Crown Lands

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DIRECTIONS

INTRODUCTION

The Ministry of Crown Lands was created in July 1988 from the Lands portfolio of the Ministry of Forests and Lands and Surveys and Resource Mapping Branch of the Ministry of Environment and Parks.

Highly visible to all British Columbians, Crown land is a heritage bequeathed for our present use and enjoyment as well as a legacy we hold in trust for the future. The Ministry recognizes the need to balance economic development and environmental security to the benefit of British Columbians, and has been successfully fulfilling the important role of providing economic diversification and responsible stewardship.

Crown land covers more than 90 percent of the province's total land area of nearly 93 million hectares.

Strategic Planning — Mapping the Future of Responsible Land Management

An updated strategic plan, including mission statement and corporate commitment, was developed for the Ministry of Crown Lands this year. All emphasize our commitment to service, our responsibility as steward of the Crown land resource, and our role in the resolution of land use conflicts.

The strategic planning process is one of building a consensus on the challenges facing us and determining new solutions for meeting them. An important part of strategic planning is the identification of strategic issues for the ministry. Key issues include the pursuit of opportunities increasing the role of the ministry in government land management; the development of human resource policies and programs; leadership in land information management, information systems and automated land information systems; and, development and implementation of programs that will integrate strategic planning with day-to-day management.

Stemming from these basic principles, new responsibilities and opportunities were identified for the ministry. Many have already been implemented. The addition of a government-wide responsibility for land information systems combining mapping and geographic information was also a new role for the ministry this year, providing us with state-of-the-art tools and opportunities for involvement in land use and environmental planning.

The ministry is guided by its mission statement and corporate commitment to:

Serve the people of British Columbia by managing and allocating public land to ensure access for industry, commerce, settlement, recreation and conservation uses in a manner that is sensitive to environmental needs and sustainable development.

We fulfill this mandate through:

An integrated decision-making framework that:

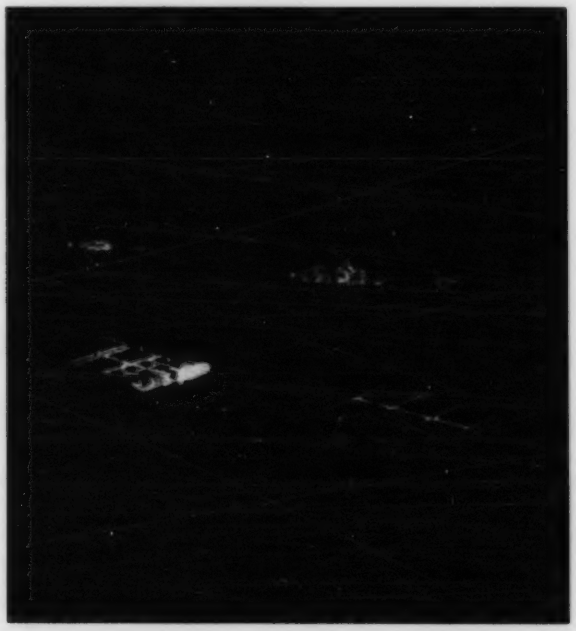
- provides leadership for resolution of land use conflicts;
- ensures access to Crown land for both sustainable development and conservation;
- provides for fair and judicious allocation of land; and
- contributes economic, environmental and social benefits to the Province.

A public land inventory that:

- utilizes state-of-the-art Crown Lands information systems and products; and
- is based on a progressive, client-oriented assessment of Crown land assets.

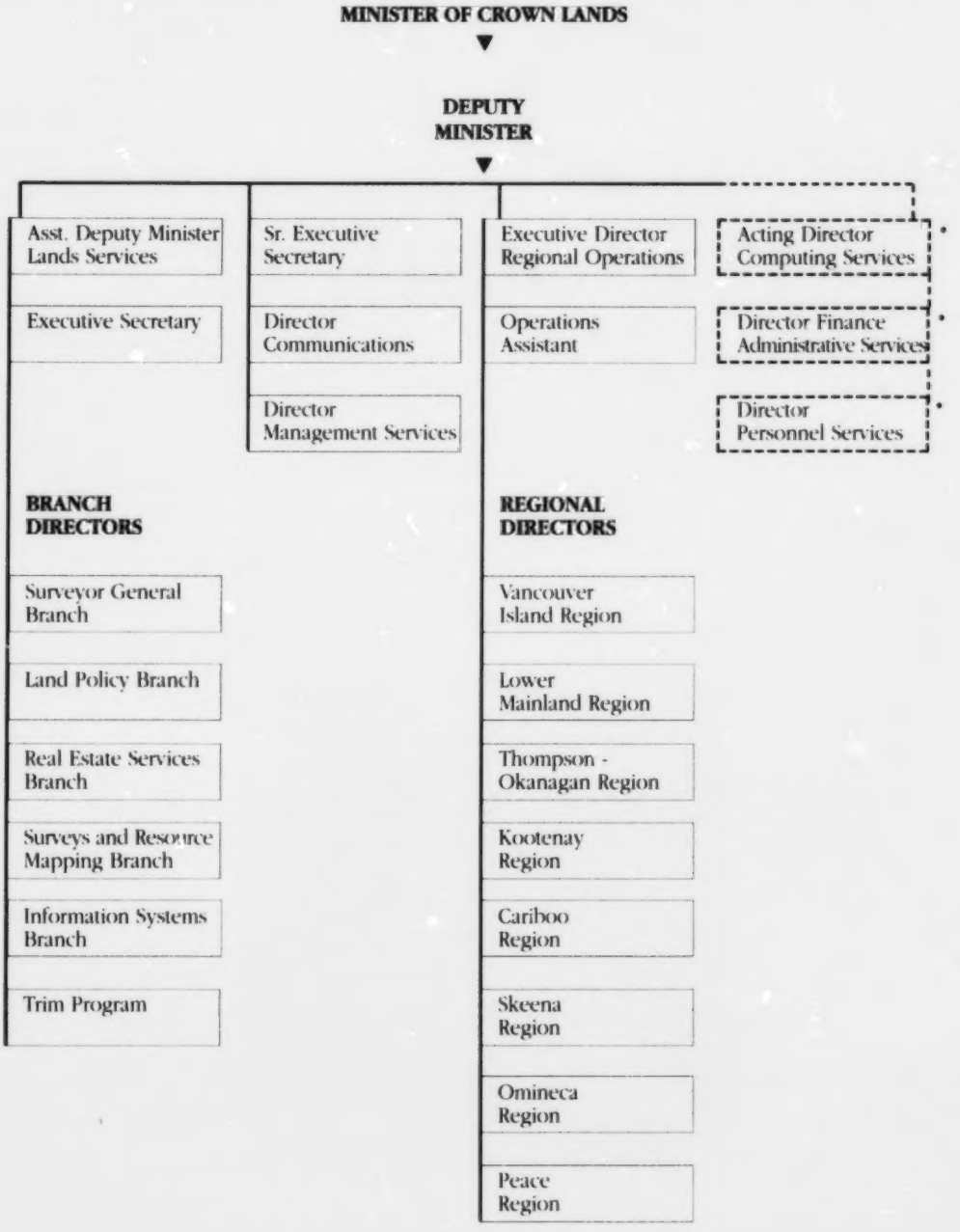
An environment and culture of excellence in which we:

- encourage client consultation in the design and delivery of our products;
- ensure our delivery is timely and efficient, sensitive and courteous;
- share a belief that we can make things happen — the entrepreneurial spirit;
- ensure accountability and decision-making are decentralized;
- encourage commitment, pride, participation and open communication;
- establish excellence through recruitment, training, evaluation and planning; and
- recognize and reward achievement.



PERFORMANCE

MINISTRY ORGANIZATION as of March 31, 1990



*In 1989/90 the Ministry of Regional and Economic Development provided central support services to the Ministry of Crown Lands.

REGIONAL OPERATIONS DIVISION

INTRODUCTION

Crown Lands' regional operations services are delivered under two major program areas — Land Administration, and Development and Marketing — from eight regional offices, each with unique regional priorities and activities.

Goals include:

- Implementing policy consistently and identifying needs for further growth.
- Maintaining Crown land inventory to support land programs and marketing.
- Contributing information to the Crown Land Registry — a record of all surface encumbrances on Crown land.
- Sponsoring and participating in opportunity studies to identify compatible and sustainable uses of Crown land.
- Implementing effective Crown land administration and marketing by liaising with local governments, agencies and client groups, and by promoting the ministry's services at trade shows and other appropriate community events.
- Counselling clients on their land needs, and assisting public and private sector projects through planning and provision.
- Receiving, investigating and adjudicating Land Act applications for Crown land.
- Marketing Crown land through advertised public competitions: public tender, public auction, proposal call, and public lot draw.
- Effectively administering contracts for legal surveys, timber cruises, soil testing, and real estate appraisal.

LAND ADMINISTRATION

The Land Administration Program derives its mandate from the Land Act. This mandate is to allocate and manage Crown land to ensure access to industry, commerce, settlement, recreation and conservation in a manner that is sensitive to the needs for sustainable development and environmental protection.

Crown Lands' Land Administration Program directly benefits British Columbians through economic stimulation, diversification and Crown land resource stewardship.

3,192 new Crown land dispositions were made in 1989/90 (Figure 22). Administration of Crown land tenures decreased from 11,571 transactions in 1988/89 to 7,686 in 1989/90 (Figure 1). Fewer than normal administrative tasks were accomplished during 1989/90 in order that priority be given to the Shoreland Sales Program and new dispositions.

Management of the Crown land tenure portfolio requires a number of administrative tasks including: tenure reviews; renewals; replacements; assignments; and purchase options.

Figure 1

Ministry of Crown Lands
Administrative Tasks Completed
1983/84 - 1989/90

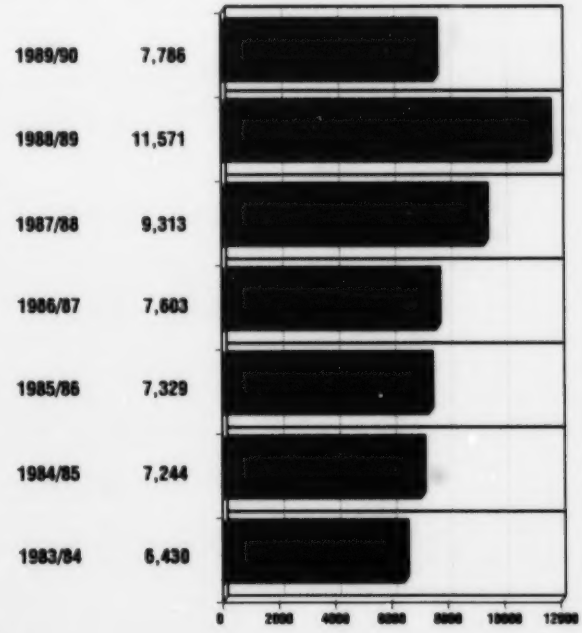
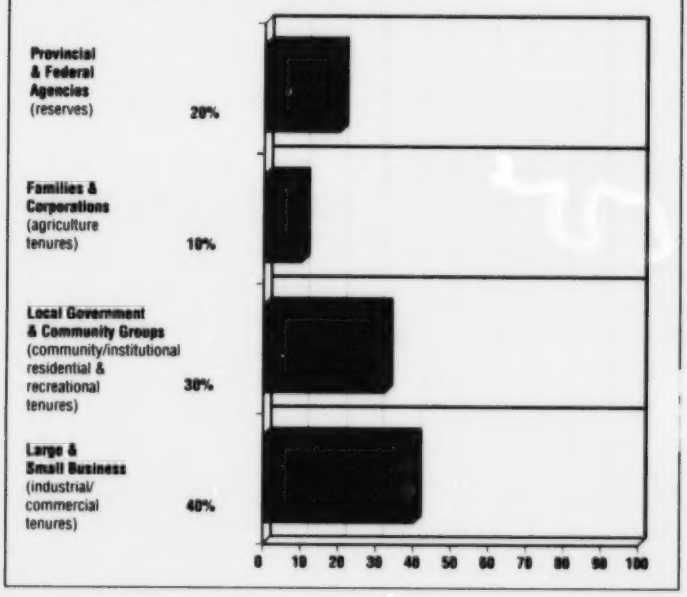


Figure 2

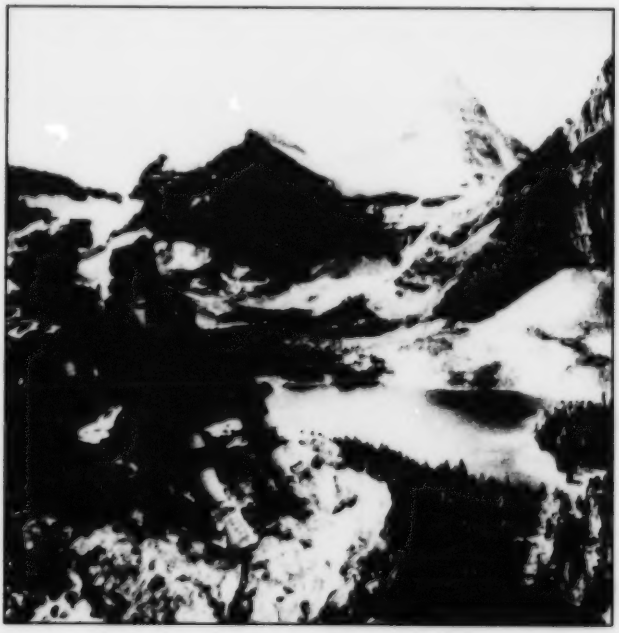
Ministry of Crown Lands Clients


Provincial & Federal Agencies (reserves)
20%
Families & Corporations (agriculture tenures)
10%
Local Government & Community Groups (community/institutional residential & recreational tenures)
30%
Large & Small Business (industrial/ commercial tenures)
40%
0 10 20 30 40 50 60 70 80 90 100

The number of applications for Crown land filed with the ministry increased by 37 percent from 4,636 in 1988/89 to 6,329 in 1989/90. The overall increase, with significant variations between programs and regions, reflects provincial economic expansion.

Land is reserved for government agencies with specific responsibilities on Crown land and as of March 31, 1990, 8,294 reserves accounted for 29 percent of the ministry's tenure portfolio. (Figure 27).

It is anticipated that demands on the land administration program will continue to expand in pace with provincial economic growth.



SHORELAND SALES PROGRAM

The ministry completed year two of a five-year program to reduce its inventory of 5800 shoreland residential properties, by offering selected properties for sale to existing leaseholders. The program earned $9.3 million, exceeding the first year's sales by 60 percent.

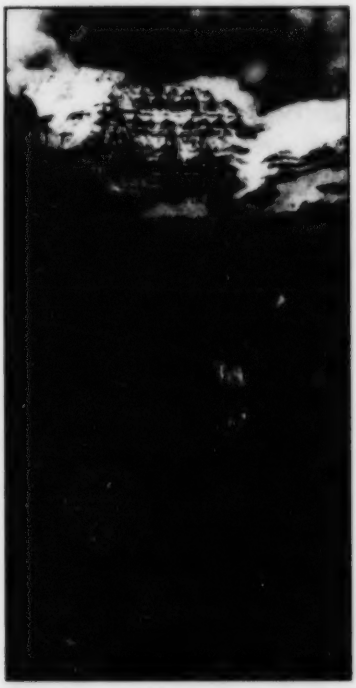


Figure 3

1989/90 Shoreland Sales Program

Region	Number of Lots Sold	Revenue Received
Vancouver Island	130	$2,137,069
Lower Mainland	22	571,622
Thompson-Okanagan	104	1,996,875
Kootenay	33	799,510
Cariboo	189	3,013,780
Skeena	37	406,527
Omineca	44	421,178
Peace	N/A	N/A
TOTAL	**559**	**$9,346,561**

FREE CROWN GRANT PROGRAM

The ministry, with the consent of the Lieutenant-Governor in Council, makes Crown land available for public purposes at nominal cost to local governments, institutions, railways, and under certain conditions, to Crown Corporations.

Figure 4 summarizes the 56 free Crown grants including 36 grants to governments and institutions.

Figure 5 summarizes the purposes of these institutional grants, which provide an important stimulus to regional and community development.

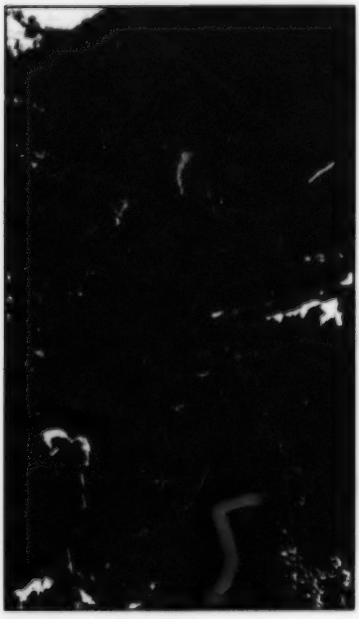


Figure 4

Free Crown Grants Issued in 1989/90, by Recipient

Recipient	Number	Area (ha)	Estimated Value (dollars)
Municipalities and Regional Districts	28	1,215.9	$1,002,641,955
Railway Companies	20	69.2	57,660
Hospitals	5	8.8	31,420,850
Schools	3	20.2	985,000
TOTAL	**56**	**1,314.1**	**$1,035,105,465**

Figure 5

Institutional Free Crown Grants Issued in 1989/90, by Purpose

Purpose	Number	Area (ha)	Estimated Value (dollars)
Park	11	847.2	$1,101,002,912
Recreation	4	123.1	204,000
Community	6	9.2	95,750
Public Works	1	0.0	31,173
Firehall	1	0.2	6,000
Airport	3	232.7	298,620
Cemetery	1	0.8	3,500
Hospital	5	8.8	31,420,850
School	3	20.2	985,000
Miscellaneous	1	2.7	1,000,000
TOTAL	**36**	**1,244.9**	**$1,035,047,805**

LAND DEVELOPMENT AND MARKETING

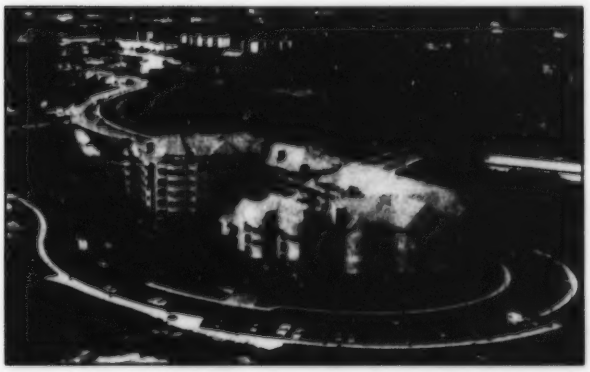
The development and marketing of Crown lands is an integral component of the ministry's Regional Operations Division. The ministry maintains an inventory of lands suitable for marketing and private sector development. As lands are needed, they are brought forward, assessed for suitability, surveyed and appraised. Properties are then listed in the Crown Land Marketing Catalogue and offered for sale through open competition.

If no suitable offer is received through public competition, properties are made available for sale through the Marketing Catalogue and MLS, until market value is offered.

Figure 6

Agricultural Land Commission Properties Sales and Revenue as of March 31, 1990

Region	Total No. of Properties in inventory	Revenue from sales (dollars)	Lease/Loan Payments (dollars)	Total Revenue (dollars)
Vancouver Island	9	$ 0	$ 31,010	$ 31,010
Lower Mainland	94	1,467,801	318,544	1,786,345
Thompson-Okanagan	3	70,000	8,360	78,360
Kootenay	3	749,523	11,976	761,499
Omineca	0	0	7,568	7,568
TOTALS	111	$2,287,324	$377,458	$2,664,782



Marketing Program Highlights:

- The Big White Ski Area Master Agreement was signed to provide a framework for the use of 995 hectares of Crown land and afforded long term security for the Big White Ski Resort with a 50-year renewable term agreement.
- A 38 hectare parcel of land within the McCartney Woods/ Northlands neighbourhoods in the District of North Vancouver was sold for residential development. The sale agreement will generate in excess of $17 million.
- Total revenues garnered by the ministry as a result of land sales, excluding shoreland sales, totalled $22 million.
- Five parcels of land, valued at $6 million, were transferred to the Ministry of Social Services and Housing as part of a Crown Lands commitment to provide land for social housing purposes.
- The ministry met its gross revenue projection of $51 million for land sales, leases, and other related land marketing projects.

VANCOUVER ISLAND REGION

The Vancouver Island Region manages about three-quarters of the province's aquaculture tenure portfolio. In 1989 90, the region was also very involved in the Shoreland Sales Program which accounted for over 78% of their sales activities for the year. The region received a total revenue of $12.1 million, almost double the $6.6 million of 1988 89.

Highlights of the region's activities:

STEWARDSHIP — LAND MANAGEMENT

Aquaculture Activity

Vancouver Island Region completed two Coastal Resource Inventory Studies in Nootka Sound and Broughton. These projects will greatly assist clients and staff in dealing with fin fish and other aquaculture related applications, as well as other foreshore proposals.

Private Moorage

A major initiative in the Bamfield area resulted in the tenuring of over 50 private moorage facilities.

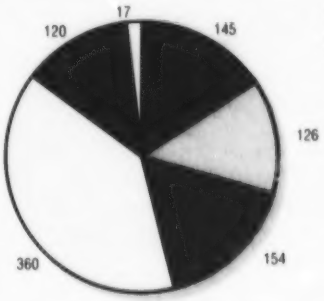
Stewardship

A joint inspection with representatives from the Ministry of Agriculture and Fisheries was carried out on all fish farm tenures in response to the general public's concerns about these operations. Diligent use and conformity to tenure boundaries and management plans was confirmed.

Figure 7

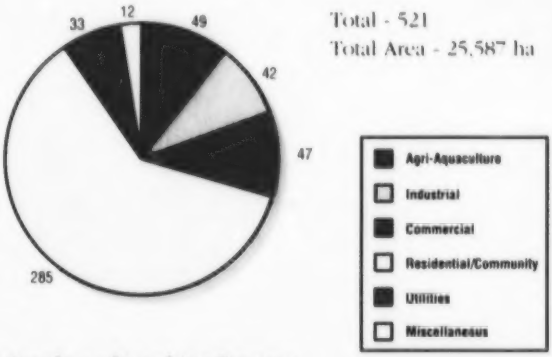
Vancouver Island Region Crown Land Tenure and Application Activity, Not including Reserves
1989/90

Number of Land Act Applications



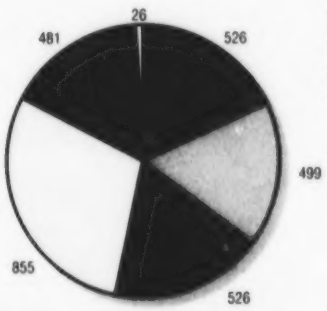
Total received - 922
Total Area - 26,675 ha

Number of Land Act Dispositions



Total - 521
Total Area - 25,587 ha

Number of Land Act Tenures



Tenure Portfolio as of March 31, 1990
Total - 2,913
Total Area - 42,682 ha

Campbell River Estuary

The closure of a major dryland sort facility within the estuary required environmental cleanup of foreshore. In cooperation with both the tenure holder and the Department of Fisheries and Oceans, and with support from the local government, a major reclamation project was completed. This resulted in valuable estuary habitat returning to a more productive state.

Client Relations in Little Mountain — Qualicum Area

Little Mountain is a popular viewpoint area also used as a communications site. Crown Lands, in response to public, local government and ministry concerns regarding public safety, negotiated safety measures on a cost-sharing basis with the communication tenure holders.

DEVELOPMENT AND MARKETING

The region was involved in two major development and marketing projects during 1989/90 — the Songhees Project in Victoria and the Duke Point Industrial Park in Nanaimo.

The region assumed responsibility from the B.C. Enterprise Corporation for the Songhees lands, in Victoria's Inner Harbour. Servicing obligations for the Phase I development lands was satisfactorily completed. Three affordable housing sites accommodating up to 240 units of future rental housing, were transferred to the B.C. Housing Management Commission. The sites can accommodate a possible 150 units of future rental housing. Three fully-serviced condominium sites were also offered for sale.

The assets of Duke Point Development Limited, including 22 lots totalling 105 hectares of serviced industrial land, were transferred to the ministry for management on behalf of the company. The industrial park currently houses two Doman Industries saw mills and a major port facility under the management of the Nanaimo Harbour Commission.

Free Crown Grants

- The District of Campbell River received two free Crown grants for a public road and waterfront walkway.
- The town of Sidney received a free Crown grant of almost three hectares valued at $1,000,000.
- The Regional District of Comox-Strathcona received a 17 hectare free Crown grant for a regional park.
- The Regional District of Nanaimo received two free Crown grants with a combined value of $22,000 for community recreation.
- The Greater Victoria Hospital Society received three free Crown grants with a combined value of over $31 million.
- The City of Port Alberni received a one-hectare free Crown grant valued at $61,200 for park purposes.

LOWER MAINLAND REGION

The real estate market in the Lower Mainland Region was strong throughout the 1989/90 fiscal year. Demand for all types of Crown land remained high. The region achieved total sales of 54 properties with a value of $15 million through its marketing program.

LAND ADMINISTRATION

Strong demands for Crown land existed in the southern part of the region this fiscal year. Major focuses of the Land Administration unit were tenure administration and new applications, farm and shoreland sales, the Hillside Project, Pacific Spirit Park and several major studies.

Farm Program — Sale of Properties

Five properties comprising 78 hectares were sold for $1,467,801. Offers were also accepted on an additional seven properties totalling 135 hectares for a price of $1,451,700.

Shoreland Sales

419 offers to sell were issued. Twenty-two sales occurred and revenue of $571,622 was received.

Hillside Project

The ministry entered into an agreement with the Sunshine Coast Regional District for the creation of a concept plan to develop Crown lands at Hillside on the Sunshine Coast. The area involved is approximately 200 hectares of waterfront land, suitable for development as a port for the transfer of industrial goods. The value of the land is estimated at approximately $2,300,000.

Pacific Spirit Park

This year, 763 hectares of land adjacent to the University of British Columbia were transferred to the Greater Vancouver Regional District for the creation of the Pacific Spirit Park. The park is one of the largest in an urban area, in the world.

Fraser River Estuary Management Program

As part of this program plans for foreshore use on the Lower Fraser River have been developed. Agreement has now been reached on designation for most of these areas.

Squamish Estuary Management Committee

The goal of establishing allowable use designation for land and water in the Squamish Estuary is nearing achievement. The completion of land use designations will facilitate the exchange of property between B.C. Rail and the ministry.

Boundary Bay Delta Land Use Study

Planning was initiated by the Municipality of Delta to resolve conflicts between proposed golf course, industrial port and other developments on lands with high agriculture and significant wildlife habitat values.

DEVELOPMENT AND MARKETING

Industrial Parks

Three industrial parcels located in Langley, Maple Ridge and Delta were transferred to the ministry from B.C. Enterprise Corporation in 1989 and subsequently sold at a value exceeding $4 million.

Pacific Vocational Institute

The former Pacific Vocational Institute in Haney was marketed in 1989. This facility consisted of several large buildings on approximately 40 hectares. The site was sold in December 1989 for industrial use.

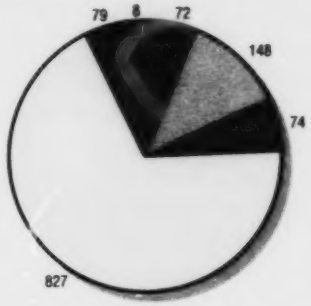
Ski Areas

Negotiations were initiated with both Whistler and Blackcomb Mountains for amendments to their ski area development agreements to allow for additional expansion. A ski resort development opportunity near Callaghan Valley was reviewed.

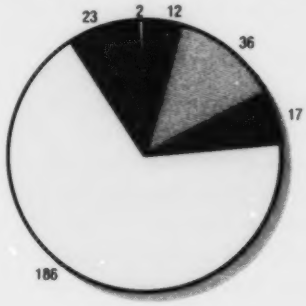
Golf Course Development

The ministry continued to receive inquiries for golf course development on Crown land. Negotiations were initiated with CP Hotels to develop a facility at the base of Blackcomb Mountain in Whistler. The ministry also initiated a study to determine the potential for golf course/resort development on approximately 1,000 acres located north of Squamish.

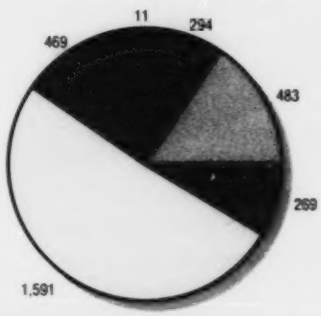
Number of Land Act Applications
Total received - 1,208
Total Area - 141,317 ha



Number of Land Act Dispositions
Total - 323 Total Area - 21,870 ha



Number of Land Act Tenures
Tenure Portfolio as of March 31, 1990
Total - 3,117 Total Area - 39,761 ha



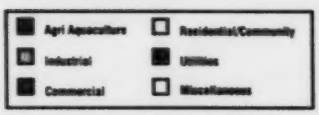


Figure 8

Lower Mainland Region Crown Land Tenure and Application Activity, Not including Reserves 1989/90

THOMPSON - OKANAGAN REGION

The Thompson-Okanagan Region has features that support recreational activity and development. Many of their programs, therefore, relate to recreational land use.

The Thompson-Okanagan Region had a very active year. Applications for new dispositions numbered 875 — an increase of 56% over the previous year. New dispositions numbered 438, up 45 percent from the previous year. A total of 1,227 administrative tasks were completed on the region's portfolio of 4,462 tenures.

Highlights of the regions activities:

Shoreland Sales

Activity in this region's shoreland sales program resulted in 104 sales generating over $1.9 million in revenue. Four untenured lots were marketed. This increased activity required the contracted services of appraisers and surveyors to assist the region in sending out 391 sales offers to lessees of shoreland lots.

Private Moorage

The region's program to legalize private moorage structures received continued cooperation from pile driver operators who required their clients to apply for a lease or licence before building a wharf. Private moorage applications numbered 69, and 26 new licences and leases were issued.

Abandoned Railways

Portions of the old Kettle Valley Railway line were acquired from Canadian Pacific Railway this year. Portions included land in the Osoyoos subdivision south of Okanagan Falls, and in the Carmi subdivision, north and east of Penticton. The ultimate use of this land is currently under consideration.

Okanagan Retirement Development Opportunities Study

An Okanagan-based study was initiated to determine the opportunities available for retirement developments on Crown lands in the region. Ten properties were identified in Osoyoos, Vernon and Kelowna as suitable for residential and recreational developments for the retirement market.

Ski Area Development

A development agreement was signed with Big White Ski Resorts Ltd. for long-term coordination of base area and recreational development. Twenty-two hectares were sold to Big White, Silver Star and Tod Mountain ski areas for development of residential subdivisions.

Development and Marketing

Under the Development and Marketing Program, the region sold 33 residential properties, two commercial and two agricultural parcels, with a total market value of $782,840.

Two industrial subdivisions and one development parcel administered by British Columbia Development Corporation were assigned to the Thompson-Okanagan Region for marketing. Five industrial lot sales in Kamloops and Ashcroft were completed for a total value of $176,500. The Kelowna development parcel is in the process of sale.

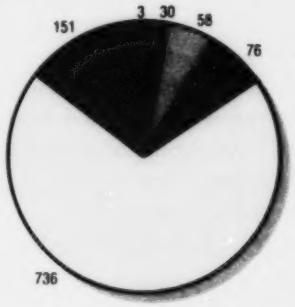
An action plan was adopted for the three Agricultural Land Commission tenures assigned to the region. At year end, one property was in the process of sale and two continued to be leased under the original terms of agreement made with the Land Commission.

Free Crown Grants

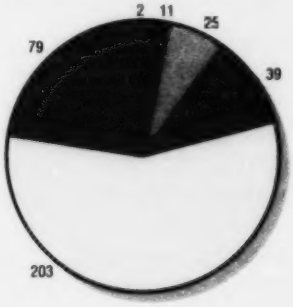
Highlights of the region's free Crown grant program were:

- The City of Kamloops received a free Crown grant valued at $19,000 for a park and storm drains.
- The City of Kelowna received a free Crown grant valued at $300,000 for a park.
- The Regional District of North Okanagan received a one hectare free Crown grant valued at $24,000 for a public administration building and associated parking.
- BC Rail received three free Crown grants near Clinton totalling 2.3 hectares valued at $2,325.
- The School District of South Okanagan received a free Crown grant valued at $70,000 in Osoyoos.

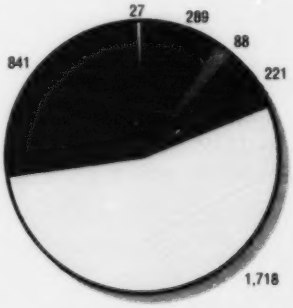
Number of Land Act Applications
Total received - 1,054
Total Area - 4,606 ha



Number of Land Act Dispositions
Total - 438 Total Area - 1,268 ha



Number of Land Act Tenures
Tenure Portfolio as of March 31, 1990
Total - 3,184 Total Area - 110,427 ha



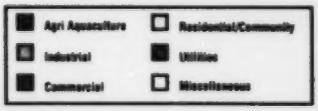


Figure 9

Thompson/Okanagan Region Crown Land Tenure and Application Activity, Not including Reserves 1989/90

KOOTENAY REGION

The Kootenay Region experienced an increase in economic activity in 1989/90 especially in the communities of Nelson and Castlegar.

Interest in recreational developments on both private and Crown land continues to be strong, capitalizing on the high recreation values of the region. Golf courses lead this sector with four new courses — three of which involve Crown lands — currently confirmed for development.

Commercial Winter Recreation Opportunities Study

The Commercial Winter Recreation Opportunities Study — a study identifying areas with biophysical and socio-economic suitability for commercial winter recreation — was completed for the western portion of the region. This year's study on the western portion of the region, along with last year's study completes the Commercial Winter Recreation Opportunities Study process for the Kootenays. A public information brochure outlining the process and identifying 24 potential sites for a variety of uses including heli-skiing, snowmobiling, ski-touring, cat-skiing and integrated use, was prepared and distributed.

Development and Marketing

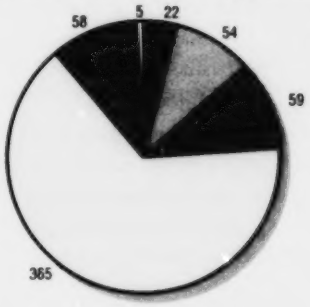
The closing of the Sullivan Mine hastened Kimberley's need for economic diversification. Crown Lands assisted by making land available for ski-hill enhancement, a new tourist-oriented golf course, and residential building lots.

Figure 10

Kootenay Region Crown Land Tenure and Application Activity, Not including Reserves

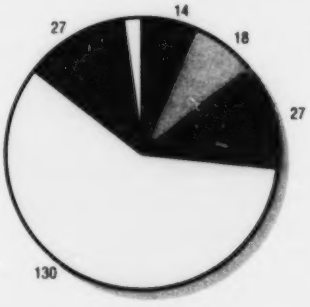
1989/90

Number of Land Act Applications

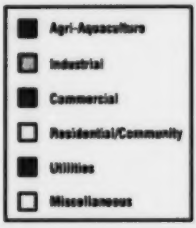


Total received - 563
Total Area - 7,493 ha

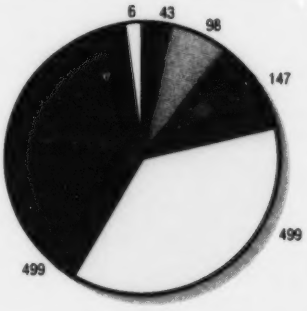
Number of Land Act Dispositions



Total - 253
Total Area - 1,202 ha



Number of Land Act Tenures



Tenure Portfolio as of March 31, 1990
Total - 1,292
Total Area - 21,330 ha

Significant progress was made in aiding Nelson and Invermere in their endeavors to promote waterfront tourist commercial developments on Crown land.

CARIBOO REGION

The Cariboo Region administers a large number of diverse tenures. The myriad of attractive lakes in the region have led to a very active shoreland sales program.

Westside

This 90-hectare former BC Rail property in Williams Lake will be made available to developers in modest-sized parcels to ensure an adequate supply of residential land. The first 2.8 hectare parcel was sold in 1989.

Land Clean-up

With limited funding, the region negotiated private clean-up contracts on highly visible Crown parcels. Derelict buildings, buried petroleum tanks, abandoned car bodies, etc., were removed from 15 properties. Very positive public feedback has been received.

Shoreland Sales Program

As of March 31, 1990, a total of 189 shoreland parcels have been sold. On Green Lake, which has the largest recreational subdivision in the region, 40 percent of the total lots have been sold. In general, the Shoreland Program is running at 11 percent of the total recreational portfolio, ahead of the regional target for the first two years of the program. Total value of all sales to the end of the fiscal year is $3 million.

Forfeited Parcels

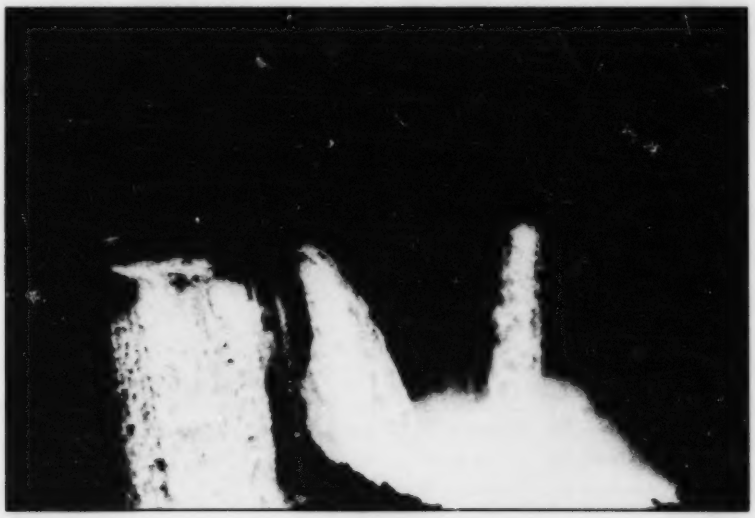
Research was completed on 300 tax forfeiture parcels to identify land use issues and options for marketing.

Collection of Bad Debts

Outstanding bad debts were reduced to less than one percent of total accounts receivable. This represents a major staff initiative in tracking and following up on debts owed the ministry.

Completion of Cariboo East Study

The Cariboo East Commercial Opportunity Study — identifying potential sites for backcountry commercial recreation on Crown land east of Williams Lake — was completed this year. The study resulted in four potential "opportunities" and was received positively by all participants, including the general public.



Contracts

A total of 174 service contracts were awarded to local suppliers to assist in preparing properties for sale. Total value of contracts issued was $903,000.

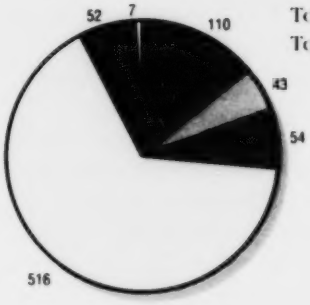
Development and Marketing

A total of 35 properties, valued at $480,000 were sold by lot draw, proposal call, multiple listings, and through the Crown Land Marketing Catalogue.

Figure 11

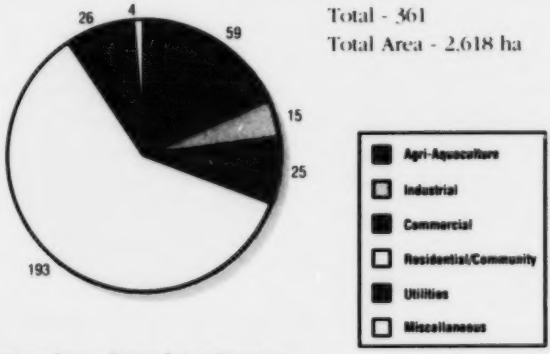
Cariboo Region Crown Land Tenure and Application Activity, Not including Reserves

1989/90



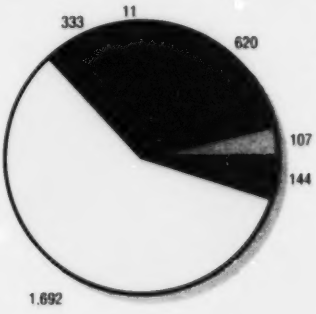
Total received - 782
Total Area - 16,061 ha

Number of Land Act Dispositions



Total - 361
Total Area - 2,618 ha

Number of Land Act Tenures



Tenure Portfolio as of March 31, 1990
Total - 2,907
Total Area - 87,797 ha

SKEENA REGION

Skeena Region extends for half the province's length and encompasses an area rich in mineral resources. In addition to completing administrative actions on 713 tenures, the region this year worked closely with Alcan regarding the provisions of Crown land for the $850 million Kemano Completion Project. As well, the region undertook a study of potential sites for commercial sportfishing opportunities in the Queen Charlotte Islands. Highlights for the year include:

Development and Marketing

Twenty-two lots in the Houston Industrial Park valued at $500,000 and nine lots in the Prince Rupert Industrial Park valued at $950,000 were transferred to the ministry.

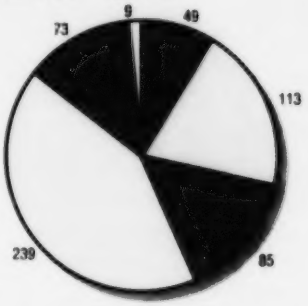
The region held agricultural auctions in Burns Lake, Danskin, Rose Lake and Cheslatta areas.

Free Crown Grants

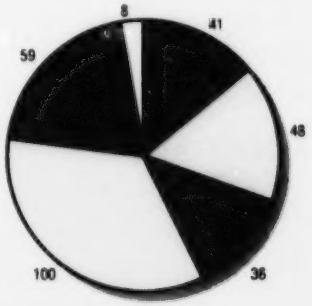
Highlights of the region's free Crown grant program were:

- The Village of Telkwa received a free Crown grant valued at $24,700 for facilities associated with the Telkwa airstrip.
- The Burns Lake and District Hospital Society received a free Crown grant valued at $20,000 for an intermediate/extended care health facility.

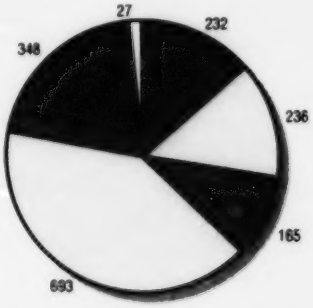
Number of Land Act Applications
Total received - 568
Total Area - 5,324 ha



Number of Land Act Dispositions
Total - 377 Total Area - 2,301 ha



Number of Land Act Tenures
Tenure Portfolio as of March 31, 1990
Total - 1,701 Total Area - 41,951 ha



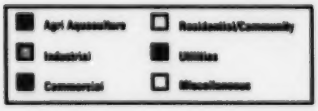


Figure 12

Skeena Region Crown Land Tenure and Application Activity, Not including Reserves 1989/90

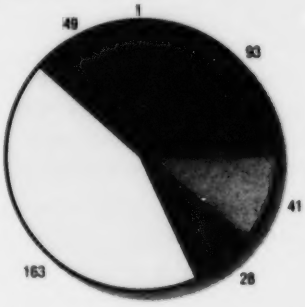
OMINECA REGION

Highlights of Omineca Region activities:

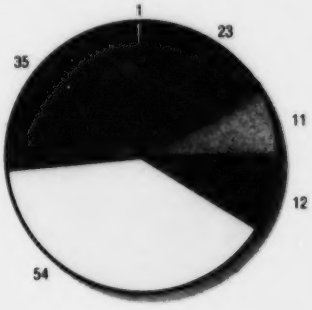
- An operating agreement was completed with the Fort St. James Ski Club for the operation of the Murray Ridge Ski Area at Fort St. James.
- An Integrated Land Use Management Plan was undertaken for the Cranbrook Hill Area of the City of Prince George. The proposed land use strategy recognized the site of the future University of Northern British Columbia and the importance of ensuring that development is complementary to the future expansion of Prince George.
- The Robson Valley Crown Land Plan has provided a blueprint for land use allocation from Valemont to the reaches of the Upper Fraser River. An update of this land use strategy was initiated in order that we may continue to be responsive to the changing environmental and development needs of the valley.
- Promotion of the ministry was highlighted by the region's participation in the Prince George Chamber of Commerce Trade Show.

- A major trespass was identified on Great Beaver Lake located to the northeast of Fort St. James. Initial steps were taken to rectify the problem and to ensure that the use of the land is compatible and sensitive to the needs of the area.
- The region assisted the B.C. Housing Management Commission with their mandate to provide affordable housing by transferring eight residential units to the Commission. All eight units have since been occupied by clients of the Commission.
- The City of Prince George has grown over the years primarily through land provided by the Crown. A comprehensive inventory of Crown land in the city was completed to ensure that the ministry will be able to respond expeditiously to future needs.

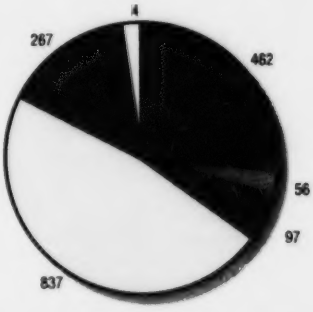
Number of Land Act Applications
Total received - 375
Total Area - 93,605 ha



Number of Land Act Dispositions
Total - 178 Total Area - 2,354 ha



Number of Land Act Tenures
Tenure Portfolio as of March 31, 1990
Total - 1,723 Total Area - 50,595 ha



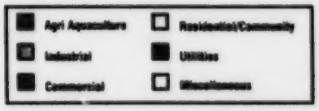


Figure 13

Omineca Region Crown Land Tenure and Application Activity, Not including Reserves 1989/90

PEACE REGION

The Peace Region encompasses 19 million hectares of land, and has extensive areas of Crown land tenures committed to agricultural, industrial and utility land uses. Highlights for the year include:

- Crown land was identified and sold to the Canadian Chopstick Manufacturing Company for a major chopstick factory in Fort Nelson.
- A soil survey in the Del Rio area — north of Chetwynd — was completed, identifying areas for inclusion in the provincial forest and future agricultural development.
- An appraisal study was completed on oil, gas and hydro rights-of-way.
- An inventory of resource uses was completed on the eastern slopes of the Rocky Mountains to form the basis for future Backcountry Recreation Opportunity Studies.
- An inventory of commercial facilities located along the B.C. portion of the Alaska Highway was completed to form the basis for land use decisions along the highway.

Development and Marketing

The Marketing Program achieved 18 sales and six leases totalling 1,454 hectares of Crown land valued at $305,570.

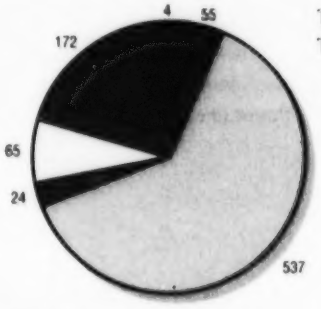
Free Crown Grants

- Fort Nelson Liard Regional District received 79 hectares for a community golf course near Fort Nelson.
- The District of Hudson's Hope received 85 hectares for a community airport serving Hudson's Hope.
- The District of Tumbler Ridge received 70 hectares for a community airport serving Tumbler Ridge.

Figure 14

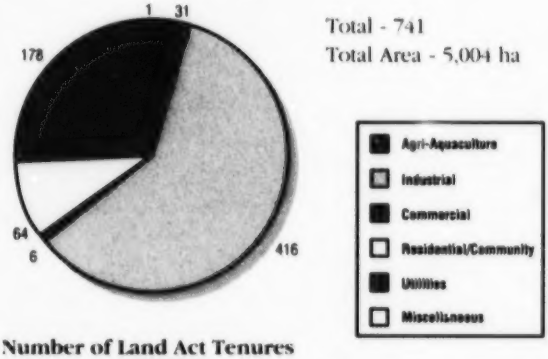
Peace Region Region Crown Land Tenure and Application Activity, Not including Reserves 1989/90

Number of Land Act Applications



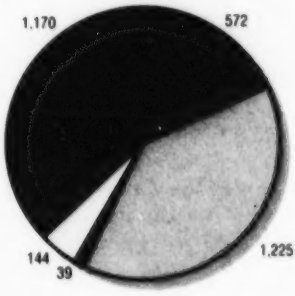
Total received - 857
Total Area - 9,986 ha

Number of Land Act Dispositions



Total - 741
Total Area - 5,004 ha

Number of Land Act Tenures



Tenure Portfolio as of March 31, 1990
Total - 3,150
Total Area - 131,610 ha

LANDS SERVICES DIVISION

Lands Services consists of five headquarter branches providing support to regional operations of the ministry and a range of other services to clients in government and the private sector.

LAND POLICY

Formulation of new policies is essential to ensure proper stewardship of the province's land resource in a manner that is sensitive to both environmental needs and sustainable development.

Several major initiatives were undertaken in 1989/90:

Crown Land Account

A new project and financial management system was successfully developed over the course of the year to improve management of the account and make it more responsive to regional development, marketing requirements and management reporting needs.

Commercial Backcountry Recreation

The ministry continued to coordinate the development of a provincial policy for commercial backcountry recreation on Crown land. Background research was conducted and meetings were held to solicit views from interested agencies.

Development of Automated Documents

This ministry-wide system will allow staff to retrieve information directly from the ministry's land data base and incorporate it into automated, flexible tenure documents. This enables contracts to reflect the individual characteristics of each application. Implementation of the new system is planned for early 1990/91.

Agricultural Program Review

An independent commission of inquiry under David Gillespie was appointed to review the ministry program for agricultural development on Crown land. Meetings were held throughout the province and recommendations tabled. A public discussion paper giving the government's response to the inquiry report was published and public comment invited.

Native Land Issues

The Ministry Crown Lands is assisting the Ministry of Native Affairs in negotiating land claims previously cut-off from allotted Indian reserves. During the year an agreement was reached with the Quatsino Band and a land exchange agreement was concluded with the Tl'azt'en Nations Band regarding their claims. Negotiations continue with the Songhees and Nukwitti Bands. The ministry also assisted in the agreement to provide 3,000 acres of Crown land to Canada for relocation of the Ingenika Indians.

Community/Institutional Policy

This policy allocates Crown land to local governments, public service organizations and to community groups for institutional and community use. The policy was revised to reflect the principle that public lands should be available for these purposes. As well, the policy strengthens support for local government coordination of requirements for these uses.

Ministry Corporate Policy

Land Policy Branch is often called upon to support ministry-wide corporate goals in a secretariat role. The branch coordinated the Crown Lands strategic planning exercise.

Appeals Process

Appeals procedures in the Land Act were reviewed and amended to allow for an independent appeals process for disputed Crown land applications.

Riparian Rights

The policy was reviewed and revised, especially sections relating to public foreshore use guidelines. An Occasional Paper was published which expanded on the new policy.

REAL ESTATE SERVICES

Among its realty services, the ministry acquires land and timber on behalf of the Crown through purchase, gifting and exchange. It manages the exchange of forest land between the Crown and forest companies and acquires land for a variety of government programs and uses, such as provincial and national parks, ecological reserves, social housing and historic sites. Highlights for 1989/90:

South Moreby National Park Reserve

Real Estate Services Branch continues to play an active role on the federal-provincial South Moresby Forestry Compensation Committee determining equitable compensation to forest industry companies displaced by the park reserve.

Lot 160 - Cowichan Bay

The Pacific Estuary Conservation Program was a major beneficiary when the 296 hectare Lot 160 and several kilometres of railway right-of-way were gifted by Canadian National Railway. Much of the area is to be managed for waterfowl conservation. A smaller portion of the site will be maintained for industrial use.

Chilkoot Trail National Historic Park

This park was created with Parks Canada. Real Estate Services Branch negotiated for all active tenures, including compensation for the guide-outfitters displaced by the creation of the park.

Strathcona Park

As a result of the Strathcona Advisory Committee's recommendation to consolidate government ownership of land within British Columbia's oldest provincial park, 7,438 hectares, controlled by MacMillan Bloedel Limited, is being exchanged for land and timber of equal value outside the boundaries of the park.

Shannon Falls

This major tourist attraction near Squamish was recently enlarged from ten to 87 hectares, protecting the integrity of the park area with a natural buffer zone.

Pacific Rim National Park

The Ministry of Crown Lands has an ongoing commitment with Parks Canada to continue conveyancing for remaining acquisitions within this park, with the goal of soon acquiring all holdings within this major tourist destination.

Arrow Lakes

The Province and BC Hydro reached a long-standing agreement to transfer 13 parcels of surplus lands to the Crown for recreational purposes.

Sargeant Bay

Fifty-five hectares of land located at the head of Sargeant Bay in the "Redroofs" area of the Sunshine Coast were transferred from the Ministry of Crown Lands to the Ministry of Parks, to be designated as a Class A Provincial Park.

Park Acquisitions

Land value for provincial park acquisitions totalled $1,466,600 and covered 11 parcels, including Cape Scott, Christina Lake, Deeks Lake, Naikoon (Queen Charlotte Islands), Sargeant Bay, Shannon Falls and Tweedsmuir.

Crown Land Marketing Catalogue

Three editions of the Crown Land Marketing Catalogue were published and distributed this year.

Crown Land Sales Report

The Real Estate Services Branch continues to spearhead a major ministry initiative to provide quarterly reports on all land sales, exchanges and free Crown grants, made available for public viewing throughout the province.

SURVEYOR GENERAL

The goals of the Surveyor General Branch are derived from its responsibility to maintain the province's land survey systems and Crown Land Registry.

In managing British Columbia's land survey systems, the Surveyor General:

- issues survey instructions to all B.C. land surveyors conducting surveys of Crown lands, including surveys contracted by the ministry;
- examines survey returns to ensure they conform with instructions;
- maintains legal survey standards in the province by drafting and enforcing regulations according to legislation;
- provides counsel to ministries, B.C. land surveyors and the public on issues relating to legal boundary surveys; and
- serves as Boundary Commissioner for British Columbia under the Boundary Act.

The Crown Land Registry records legal interests in Crown land and is a responsibility of the Surveyor General. Maintenance of the registry includes:

- providing a complete, official record of all Crown land surface rights other than those associated with mineral rights;
- developing a state-of-the-art information system based on the automated Crown Land Registry information system, with textual and graphic capability; and
- making information from the Crown Land Registry information system available to interested public or private agencies.

Statutory Signing Authorities

The Surveyor General is a required signatory on many government documents. Statutory signing authorities require the following duties:

- Land Title Act: issued 30 orders involving 942 lots and ten road dedications.
- Land Act: signed four plans for public roads to private subdivisions on Crown land.
- Land Survey Act: issued 603 sets of survey instructions to private surveyors and 278 sets for ministry contract surveys.
- Land Survey Act, Part 2: prepared Orders-in-Council designating the City of Victoria, Township of Esquimalt and District of Saanich as Integrated Survey Areas and one Order-in-Council extending the boundaries of the Integrated Survey of the City of Penticton.
- Land Act and Land Title Act: adjudicated 27 accretion and natural boundary applications and endorsed 19 plans establishing new accretion boundaries; received ten applications and endorsed 12 plans respecting inclusions of roads or bodies of water within a subdivision.
- Other Statutes: confirmed or approved 1,635 plans under the Land Act, Land Title Act, Mineral Act and Petroleum and Natural Gas Act.

Survey Field Operations, Verification and Control

In fulfillment of its mandate, the Surveyor General Branch:

- inspected three natural boundary applications;
- conducted three field audits; and
- conducted three inspection surveys of:
  - i.. Long Beach filled foreshore area,
  - ii. Natural Boundary for Corporation of British Columbia Land Surveyors, and
  - iii. Weir's Beach filled foreshore area.

The branch examines and verifies survey plans, compiles and drafts Land Act and Land Title Act plans, researches and interprets official plans and related land records, and prepares survey regulations.

Crown Land Registry

The Crown Land Registry is maintained both manually and in an automated environment. For purposes of this report, activity with regard to the graphic and textual components of the registry are treated separately.

Activities with respect to graphic information in the Crown Land Registry are:

- Automation of Official Survey Plans — the branch is improving its ability to record, edit and file surveys, and plan information by electronic means from private surveyors. By fiscal year end, development and testing within the branch was completed and four small research contracts were awarded to produce survey returns, in the new format, of actual surveys. These will be evaluated in July 1990. As yet there are no immediate plans to make digital survey returns mandatory.
- Reference Map Production – 3,395 map sheets at 1:20 000 scale were updated. As of March 31, 1990 the average age of reference maps was four months, and all maps prepared prior to October 1989 were updated. Automated reference map inventory was increased by 340.
- Georeferencing – Development of georeferencing software and mapping standards continued in 1989/90. Georeferencing creates an electronic connection between land parcels on a reference map and corresponding status or tenure information stored in the textual records of the Crown Land Registry. All new mapping since January 1989 has been georeferenced.

Figure 15
Crown Grants Issued In 1989/90

TYPE/RECIPIENT	NUMBER	HECTARES
Land Sales	686	9,647
Marketing Program Grants	352	2,713
Land Exchanges	7	356
Raised Title	17	813
Free Crown Grants	56	1,314
Total	**1,118**	**14,843**

Maintenance and enhancement of Crown Land Registry textural records involved:

- A ten percent verification of all data entries to the Crown Land Registry regarding the status of Land Act applications and tenures showed errors were well within the required limits. (A 100 percent verification was conducted for the Vancouver Island and Lower Mainland Regions.)
- Latitude and longitude mapping values for all surveyed primary parcels on Vancouver Island and all unsurveyed primary parcels with active tenures were entered into the Crown Land Registry thus completing the Centroid Project for the entire province. This project is key to achieving the georeferencing of textual and graphic data and supports the ministry's strategy to introduce automated status, which will provide significant benefits to ministry clients.

Crown Grants

The ministry's Shoreland Sales Program was largely responsible for a 28 percent increase in Crown grant conveyances, from 868 in 1988/89 to 1,118 in 1989/90. ***Figure 15*** summarizes all Crown grants issued by the ministry in 1989/90. See also ***Figure 4*** which summarizes the distribution of the 56 free Crown grants included among the Crown grants issued by this ministry and ***Figure 16*** which compares the number of Crown grants issued annually since 1985/86.

Other Services

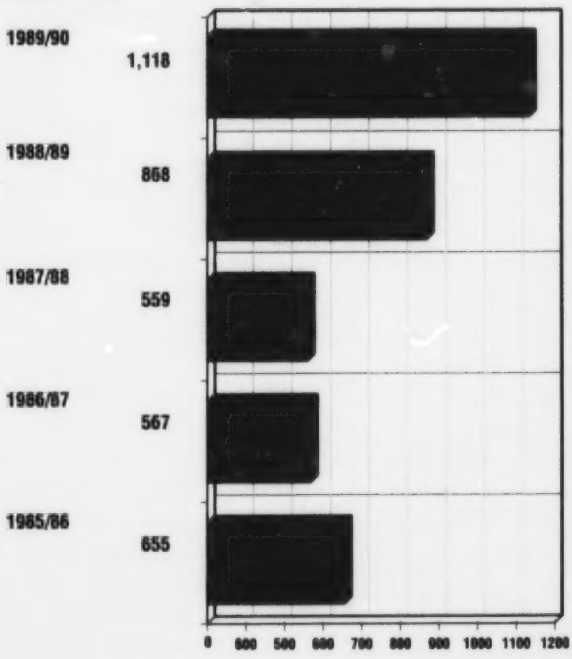
Based on the ministry's policy of private and public agency access to current and historic Crown land records, 1,244 survey information requests and six requests for certified lease documents were processed. Electoral re-distribution necessitated new electoral boundary descriptions for the entire province — a major assignment which was completed within three months. Subsequently, the new boundaries were digitized into the Crown Land Registry Information System for automated update of the electoral area data, which is attached to all prime parcels in the province. Significant land status projects were completed for other ministries, including the Ministry of Energy, Mines and Petroleum Resources and the Ministry of Environment.

Under the guidance of the inter-agency Land Information Strategic Committee (LISC), the Surveyor General Branch has worked closely with the Surveys and Resource Mapping Branch on projects related to the consolidation of government mapping and the development of mapping standards. The branch cooperated with other agencies to develop agreements and procedures related to databases and digital data pricing.

In order to better provide its services, the accommodations of the Surveyor General Branch underwent extensive renovations. These included the provision of a new computer room and construction of accommodations for the Cadastral Compilation Unit which was transferred to the branch in order to consolidate all cadastral information management functions.

Figure 16

Number of Crown Grants Issued from 1985/86 to 1989/90



SURVEYS AND RESOURCE MAPPING

The Surveys and Resource Mapping Branch provides base mapping, and survey control to meet the economic and resource management needs of government agencies and the public. In 1989/90 the program committed over 40 percent of its budget to develop new systems and technology to manage land information and to keep pace with recent changes in remote sensing, survey control and georeferencing.

Aerial Photography

The ministry provides aerial photography for other government agencies. Over 90 percent of requests come from the Ministry of Forests to support its silviculture, protection, and inventory programs. Requests are made depending on the need, for various scales, colour, black and white, or infra-red.

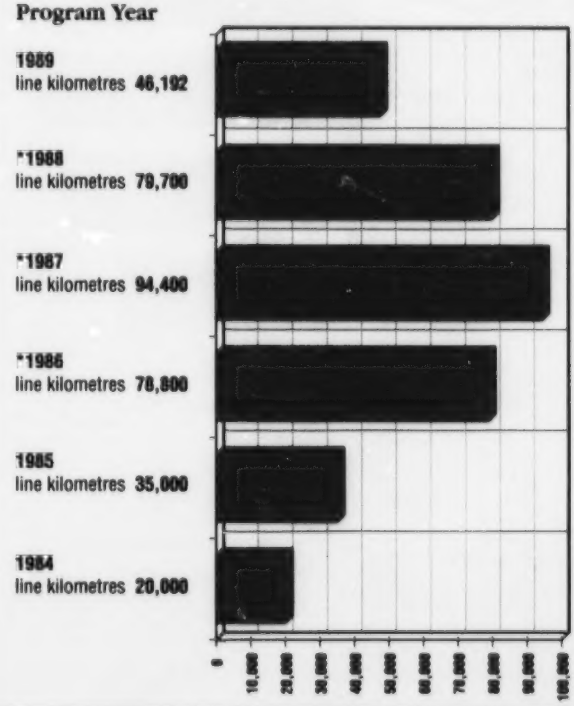
The 1989/90 flying season was productive considering the poor weather over most of the province for the first half of the season. The total area flown was 46,192 line kilometres out of 51,075 line kilometres requested resulting in a 90 percent completion rate.

Requests from the Ministry of Forests Silviculture Branch were received for 3,522 line-kilometres — 3,432 line-kilometres were flown — for a 97 percent program completion rate.

The total expenditure for the 1989/90 air photography program was $1,838,674. Recoveries from government and private sector clients totalled $1,816,929.

Figure 17

Aerial Photography Program Accepted Line Kilometres, 1984-1989



Mapping Coordinates and Survey Control

Survey control contracts were completed for five floodplain mapping areas: Kettle River, Nicomekl and Serpentine Rivers, Cowichan River, Bear River, Duncan River, and Lardeau River. This work was undertaken for the Federal-Provincial Floodplain Mapping Agreement.

Surveys and Resource Mapping Branch completed surveys for seven Integrated Survey Areas (ISA): City of Langley, District of Burnaby, City of North Vancouver, District of Campbell River, City of Whiterock, and District of Delta.

***Note**: Aerial photograph line kilometres for 1986-88 include photographs for the Terrain Resource Information Mapping (TRIM) project.*

A calibration baseline for Electronic Distance Measuring (EDM) instruments was completed in Cranbrook at a cost of $12,600. During the year, measurements were also made by the Geodetic Survey of Canada on the new Surrey baseline.

The branch continued preparations for the establishment of a Global Positioning System (GPS) basenet, for validating GPS used in control surveys. A GPS campaign to tie together and strengthen the Integrated Survey Areas across the Lower Mainland and Greater Victoria was set up during 1989/90 for implementation in the 1990 field season. This campaign will be operated in conjunction with the Geodetic Survey of Canada.

In 1990, NAD83 — North American Datum — became the official datum for provincial mapping coordinates. British Columbia participates in this international project to correct distortions in the present coordinates for all survey control networks in North and Central America.

Geodetic surveys, which correct for the curvature of the earth, are based on a mathematical model of the earth's gravity surface, called a geoid. Knowledge of the geoid provides standards for accurate positioning of geographical data. The geoid model for British Columbia, which was developed under contract to the University of Calgary and cost-shared with the Geodetic Survey of Canada, was determined to contain inconsistencies which rendered the model unusable. The Geodetic Survey of Canada is examining the geoid model and will retain as much of the work as possible for future use and work will continue to define the geoid model

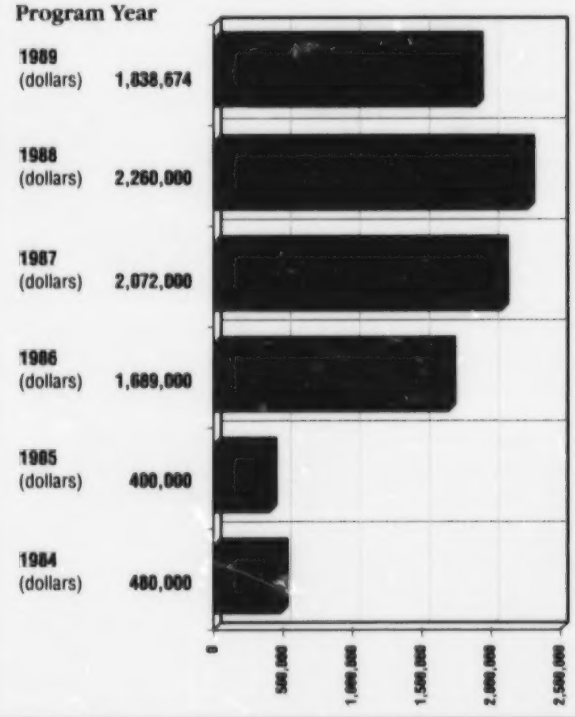
Geographic Information Management

Geographic Information Systems (GIS) are computer systems that enable management and analysis of information referenced to geographic location.

During the fiscal year, Surveys and Resource Mapping Branch continued under a protocol agreement, to coordinate the development of a Geographic Information System for the Ministry of Environment. Development of the GIS has been divided into three phases: prototype, pilot and release.

Figure 18

Aerial Photography Program 1984-1989 Contract Value



***Note**: Contract Values for 1986-88 include photography completed for the Terrain Resource Information Mapping Project (TRIM).*

During the year, most of the work concentrated on development of the prototype.

As part of the Corporate Land Information Strategic Plan — a strategy for mapping and land information — Surveys and Resource Mapping Branch is required to provide a common digital framework for the various land information systems. A provincial digital atlas is currently being developed based on three distinct data sets at scales of 1:2 000 000, 1:250 000 and 1:20 000 [TRIM]. A contract was issued to provide enhanced digital base map products for the branch's GIS prototype area. In addition, plans were drawn up to issue a contract for a draft specifications manual similar to the 1:20 000 Digital Mapping Specifications and Guidelines.

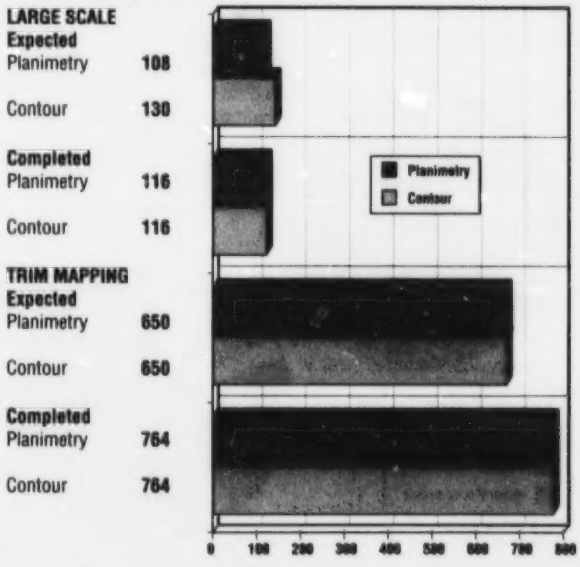
Baseline Topographic Mapping

British Columbia land information is a valuable resource used by other government agencies and the private sector. This information is an essential tool for managing many government and private sector operations and has potential economic value. This factor has increased the demand for access to government land information, particularly in digital format, and is expected to continue.

The ministry continued to meet the needs of government and private sector clients for topographic mapping. The ministry's strategy in providing digital mapping is to produce mapsheets upon request in a format that will contribute to a British Columbia Digital Atlas.

Figure 19

Base Mapping Program 1989/90 Mapsheet Layers



Terrain Resource Mapping

The largest single baseline data collection of the ministry's mapping program is the Terrain Resource Information Management (TRIM) project. This seven-year, $72 million program is developing a three-dimensional digital model of the entire province in a series of 7,000 digital files or mapsheets, on a 1:20 000 scale. TRIM data will meet national and international standards for versatility and accuracy.

In January 1990, a TRIM director was hired on contract to negotiate and recommend contracts related to the provision of the TRIM product and to ensure that the contractor (Digital Mapping Group Limited or others) meets the requirements of the managerial aspects of the contract. The TRIM director is also responsible for developing a marketing plan for TRIM to secure additional funds for data production.

Data from the TRIM program will be used to support the government's integrated approach to resource management and will form the first government-wide data base in what

will be the Provincial Digital Atlas. When the TRIM program is complete, digital maps and digital terrain models will be available for the province's entire 95 million hectares.

Large Scale Mapping

In support of the Federal-Provincial Mapping Agreement, the branch compiled 54 topographic base maps at a scale of 1:5 000 for the Salmo, Kettle, Nicomekl and Serpentine Rivers.

In 1989/90, 116 topographic base mapsheets were compiled for Pemberton, Salmon River, Courtenay and Kootenay Lake.

Corporate Land Information Strategic Plan

In order to fulfill its newly acquired directive: "to consolidate mapping services within government under a single management structure", the Ministry of Crown Lands initiated the Corporate Land Information Strategic Plan (CLISP). The strategy of the plan is to accomplish the ministry's mandate by:

- establishing a comprehensive strategic framework for rationalizing data management and systems development for land information across government; and
- developing a unified land information infrastructure to facilitate the exchange and sharing of data between government ministries and agencies. The strategic framework was completed in July 1989 and approval from Cabinet was given in November 1989.

Lithographic Mapping

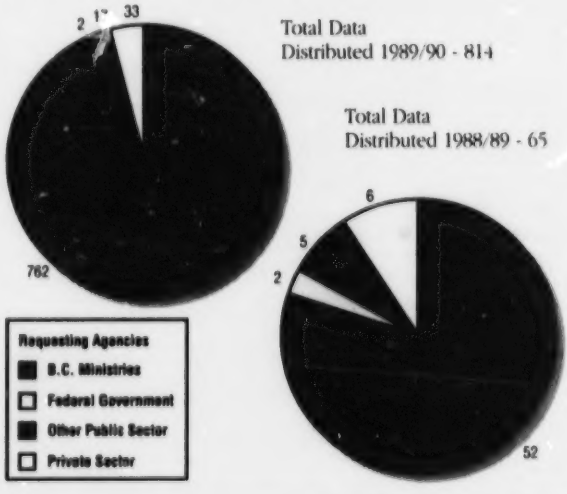
A major revision of the provincial lithographed mapsheet for Pemberton (92J/SE), at a scale of 1:125 000, was undertaken during the fiscal year. This map was last printed in 1972 using the old thematic colour legend classification system which was in use at the time. Revisions included updating basic map components such as geographical names and road and park locations, in addition to use of a new colour legend classification system. The revision work was completed towards the end of the fiscal year using a combination of in-house and private sector skills. Prints of the new Pemberton map sheet are expected to be available for distribution during the first quarter of the new fiscal year.

Revisions were also carried out on thematic information shown on four lithographed maps. Nineteen other provincial lithographed map sheets were reprinted during the fiscal year.

Map and Air Photo Sales

MAPS – BC (Map and Air Photo Sales, BC) distributes maps and aerial photographs to government agencies, resource-based industries, mapping companies, and retail outlets across North America and Europe. In B.C., products are

Figure 20
Trim Digital Data Distributed



available to the public through private vendors, 51 government agents and the Victoria-based MAPS—BC office. 167,806 base and lithographed maps and 2,812 reports were distributed.

The reprographics unit processed 6,870 requisitions, supplying whiteprint and photographic products to government and public clients. A contract was drawn up for implementation on April 1, 1990 which will provide for whiteprint services from a private company. Public orders for ministry-held original mapping are still placed through MAPS—BC. The unit received $835,575 in revenue from map, photographic and report sales.

Figure 21

Maps-B.C. Distribution Totals 1985/6 to 1989/90

Fiscal Year	Provincial Lithographs	Federal Lithographs	Totals
1989/90	77,682	89,876	167,558
1988/89	67,009	104,244*	191,006**
1987/88	86,078	121,020*	226,523**
1986/87	79,868	79,397	159,265
1985/86	85,785	73,762	159,547

* MAPS-B.C. was the regional distributor for the Canada Map Office (Federal Lithos).

** These totals include distribution of aeronautical charts in 1987/88 and 1988/89.

The branch's air photo processing lab completed 5,726 orders for a total of 377,897 prints and diapositives. Plans were developed during the fiscal year for transfer of colour air photo processing to a private company beginning January 1990.

Resource Mapping

During the year, Surveys and Resource Mapping Branch continued to support the Ministry of Environment's thematic mapping program. Eight resource mapping projects were in progress, including work on the Digital Stream Atlas, with 75 percent of that project being completed. A total of 1,000 thematic maps were produced.

Negotiations with the Ministry of Environment were carried out during the fiscal year to clarify and formalize the working relationship between the branch and the Ministry of Environment. A protocol agreement is now in place which provides for Surveys and Resource Mapping Branch support of the Ministry of Environment thematic mapping program until September 1990. After this time, the activities of the branch's Computer Data and Graphics Unit will change to reflect a GIS role within the branch.

Baseline Thematic Mapping

In fiscal year 1989/90, Surveys and Resource Mapping Branch developed a prototype thematic data base and ortho image product using Thematic Mapper imagery and Earth Probe Image Analysis System. The ortho image was on display at the 1989 International Geoscience and Remote Sensing Symposium (IGARSS '89). The land use database for this project was completed during the fiscal year.

The initiation and development of British Columbia Spatial Archive and Interchange Format (BC-SAIF) was undertaken in 1989. BC-SAIF is a data format specification which will become the standard for transferring spatially referenced data in British Columbia.

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FINANCIAL HIGHLIGHTS FOR THE FISCAL YEAR ENDING MARCH 31, 1990

(Unaudited)

REVENUE	***($)***	***($)***
Crown Land Special Account		
Land Sales	43,942,351	
Leases Income	14,695,231	
Fees & Miscellaneous Income	414,669	
Interest	976,002	
Attributable Development Costs	(20,297,003)	39,731,250
Other Fees & Licences		
Sale of Map & Air Photos		760,113
TOTAL REVENUE		**$40,491,363**

FINANCIAL HIGHLIGHTS 1989/90, CONTINUED

EXPENDITURES	*($)*	*($)*
MINISTER'S OFFICE		245,488
MINISTRY OPERATIONS		
LAND SERVICES		
Office of the Deputy Minister	483,285	
Land Services, Assistant Deputy Minister	5,371,583	
Land Policy Branch	1,307,131	
Real Estate Services Branch	738,496	
Surveyor General Branch	4,609,851	
Surveys and Resource Mapping Branch	13,414,120	25,924,466
REGIONAL OPERATIONS		
Executive Director - Regional Operations	371,187	
Vancouver Island Region	1,366,203	
Lower Mainland Region	1,413,962	
Thompson-Okanagan Region	1,314,756	
Kootenay Region	1,019,733	
Cariboo Region	1,311,431	
Skeena Region	1,142,869	
Omineca Region	1,114,833	
Peace Region	1,142,970	10,197,944
CROWN LAND ACCOUNT EXPENDITURES		32,257,983*
TOTAL EXPENDITURES		$68,625,881

* Includes $20,000,000 restructuring charges arising from transfers to other ministries.

Figure 22

***LAND ACT* DISPOSITIONS ISSUED IN 1989/90, BY LANDS REGION**

NUMBER OF DISPOSITIONS

PROGRAM	Vancouver Island	Lower Mainland	Thompson-Okanagan	Kootenay	Cariboo	Skeena	Omineca	Peace	All
LAND									
Extensive Ag.	3	4	4	9	45	25	25	27	142
Intensive Ag.	1	3	8	1	5	4	1	4	27
Grazing	0	0	0	4	0	1	0	0	5
Aquaculture	1	1	0	0	0	0	0	0	2
Industrial	5	12	8	4	7	20	3	390	449
Commercial	21	12	32	25	29	37	17	9	182
Residential	154	163	147	116	184	101	49	51	965
Utility	12	9	27	7	13	15	14	149	246
Community	4	3	4	7	2	2	4	4	30
Institutional	15	8	7	7	8	4	2	13	64
Quarrying	12	3	28	16	8	26	22	40	156
Transportation	19	7	43	11	9	31	17	35	172
Communication	6	7	17	10	4	26	3	7	80
Miscellaneous	25	22	30	14	22	28	18	11	170
LAND TOTAL	**278**	**254**	**355**	**231**	**336**	**320**	**175**	**740**	**2,689**
AQUATIC									
Aquaculture	45	4	0	0	9	13	0	0	71
Industrial	31	21	1	3	7	22	0	0	85
Commercial	27	8	12	6	2	11	0	0	66
Residential	100	11	38	2	0	1	0	0	152
Utility	5	2	11	3	2	1	1	0	25
Community	2	6	4	0	0	1	0	0	13
Institutional	11	1	6	3	0	1	0	0	22
Quarrying	0	1	2	3	0	2	0	1	9
Transportation	8	3	2	1	0	1	2	0	17
Communication	0	0	0	0	0	0	0	0	0
Miscellaneous	14	12	7	1	5	4	0	0	43
AQUATIC TOTAL	**243**	**69**	**83**	**22**	**25**	**57**	**3**	**1**	**503**
GRAND TOTAL	**521**	**323**	**438**	**253**	**361**	**377**	**178**	**741**	**3,192**

Note: Includes Crown grants, leases, licences, permits, rights-of-way, transfers, inclusions and reserves.

Figure 23

***LAND ACT* DISPOSITIONS ISSUED IN 1989/90, BY LANDS REGION AREA IN HECTARES**

PROGRAM	Vancouver Island	Lower Mainland	Thompson-Okanagan	Kootenay	Cariboo	Skeena	Omineca	Peace	All
LAND									
Extensive Ag.	25	14	262	362	1,854	1,450	1,295	3,182	**8,444**
Intensive Ag.	6	0	13	0	30	33	8	16	**106**
Grazing	0	0	0	258	0	6	0	0	**264**
Aquaculture	11	2	0	0	0	0	0	0	**13**
Industrial	59	62	12	13	3	36	290	594	**1,069**
Commercial	1,248	82	11,181	10,547	66	94	48	5	**23,271**
Residential	84	14	81	39	86	13	35	36	**388**
Utility	254	21,391	176	2	24	134	15	505	**22,501**
Community	16	18	80	66	3	6	15	66	**270**
Institutional	347	83	136	370	31	13	0	354	**1,334**
Quarrying	186	2	343	95	302	545	928	2,195	**4,596**
Transportation	213	103	279	2	11	179	63	235	**1,085**
Communication	3	0	44	38	0	18	0	0	**103**
Miscellaneous	1,907	5,978	9,181	8,027	146,849	3,906	8,014	875	**184,737**
LAND TOTAL	**4,359**	**27,749**	**21,788**	**19,819**	**149,259**	**6,433**	**10,711**	**8,063**	**248,181**
AQUATIC									
Aquaculture	280	29	0	0	56	29	0	0	**394**
Industrial	254	178	22	42	58	123	0	0	**677**
Commercial	85	67	4	6	2	10	0	0	**174**
Residential	11	0	3	0	0	0	0	0	**14**
Utility	38	0	5	0	0	0	0	0	**43**
Community	0	212	34	0	0	0	0	0	**246**
Institutional	11	2	4	5,011	0	12	0	0	**5,040**
Quarrying	0	5	13	1	0	8	0	151	**178**
Transportation	19	1	0	0	0	0	1	0	**21**
Communication	0	0	0	0	0	0	0	0	**0**
Miscellaneous	23,028	268	3,067	0	375	1	0	0	**26,739**
AQUATIC TOTAL	**23,726**	**762**	**3,152**	**5,060**	**491**	**183**	**1**	**151**	**33,526**
GRAND TOTAL	**28,085**	**28,511**	**24,940**	**24,879**	**149,750**	**6,616**	**10,712**	**8,214**	**281,707**

Note: Includes Crown grants, leases, licences, permits, rights-of-way, transfers, inclusions and reserves.
Totals adjusted to compensate for rounding errors.

Figure 24

CROWN LAND ADMINISTRATIVE TRANSACTIONS BY LANDS REGION COMPLETED IN 1989/90 NUMBER OF TRANSACTIONS

PROGRAM	Vancouver Island	Lower Mainland	Thompson-Okanagan	Kootenay	Cariboo	Skeena	Omineca	Peace	All
LAND									
Extensive Ag.	4	22	15	9	215	57	141	90	**553**
Intensive Ag.	0	3	13	10	1	5	0	9	**41**
Grazing	0	1	55	8	86	22	4	23	**199**
Aquaculture	4	1	0	0	0	0	0	0	**5**
Industrial	15	7	16	14	19	19	6	150	**246**
Commercial	27	25	75	49	50	66	32	26	**350**
Residential	55	149	362	248	607	157	242	72	**1,892**
Utility	27	38	89	67	64	22	29	171	**507**
Community	14	2	14	8	12	10	8	4	**72**
Institutional	16	12	28	14	13	10	16	15	**124**
Quarrying	31	30	130	46	91	70	54	114	**566**
Transportation	44	7	32	22	44	31	24	29	**233**
Communication	19	10	61	36	30	31	30	11	**228**
Miscellaneous	71	36	175	92	148	159	66	168	**915**
LAND TOTAL	**327**	**343**	**1,065**	**623**	**1,380**	**659**	**652**	**882**	**5,931**
AQUATIC									
Aquaculture	223	71	0	0	13	6	0	0	**313**
Grazing	0	0	0	0	0	0	0	2	**2**
Industrial	219	108	3	11	25	48	4	0	**418**
Commercial	254	48	54	16	19	23	1	1	**416**
Residential	167	33	54	12	0	4	0	0	**270**
Utility	47	20	22	16	6	3	6	1	**121**
Community	3	1	3	1	0	1	0	0	**9**
Institutional	15	6	7	2	0	1	1	0	**32**
Quarrying	0	12	2	3	2	1	2	2	**24**
Transportation	42	7	5	2	3	5	1	1	**66**
Communication	0	0	1	0	0	2	0	0	**3**
Miscellaneous	21	14	11	2	4	6	2	21	**81**
AQUATIC TOTAL	**991**	**320**	**162**	**65**	**72**	**100**	**17**	**28**	**1,755**
GRAND TOTAL	**1,318**	**663**	**1,227**	**688**	**1,452**	**759**	**669**	**910**	**7,686**

Note: Includes purchase options, replacements, reviews, assignment and other administrative tasks.

Figure 25

***LAND ACT* TENURE PORTFOLIO**
AS OF MARCH 31, 1990, BY LANDS REGION
NUMBER OF TENURES

PROGRAM	Vancouver Island	Lower Mainland	Thompson-Okanagan	Kootenay	Cariboo	Skeena	Omineca	Peace	All
LAND									
Extensive Ag.	8	92	33	16	358	123	434	518	1,582
Intensive Ag.	1	3	19	6	3	10	3	0	45
Grazing	3	3	237	21	259	84	25	54	686
Aquaculture	5	4	0	0	0	0	0	0	9
Industrial	39	36	26	34	18	46	14	1,208	1,421
Commercial	97	112	142	112	106	104	90	37	800
Residential	184	1,030	1,391	346	1,584	587	735	68	5,925
Utility	129	246	524	285	212	163	149	1,054	2,762
Community	37	40	76	53	46	33	41	21	347
Institutional	64	83	97	55	53	54	54	54	514
Quarrying	41	57	36	23	32	43	30	16	278
Transportation	33	13	27	10	16	27	26	22	174
Communication	77	65	162	135	80	114	72	88	793
Miscellaneous	12	4	16	5	10	24	3	0	74
LAND TOTAL	**730**	**1,788**	**2,786**	**1,101**	**2,777**	**1,412**	**1,676**	**3,140**	**15,410**
AQUATIC									
Aquaculture	509	192	0	0	0	15	0	0	716
Industrial	418	388	23	38	54	139	12	1	1,073
Commercial	429	157	79	35	38	61	7	2	808
Residential	493	380	115	36	8	11	1	0	1,044
Utility	217	126	124	65	23	33	19	5	612
Community	11	13	9	3	1	6	1	1	45
Institutional	66	45	30	6	0	2	5	0	154
Quarrying	1	2	3	3	3	8	0	0	20
Transportation	25	18	3	4	2	8	1	1	62
Communication	0	1	1	0	0	3	0	0	5
Miscellaneous	14	7	11	1	1	3	1	0	38
AQUATIC TOTAL	**2,183**	**1,329**	**398**	**191**	**130**	**289**	**47**	**10**	**4,577**
GRAND TOTAL	**2,913**	**3,117**	**3,184**	**1,292**	**2,907**	**1,701**	**1,723**	**3,150**	**19,987**

Note: Includes leases, licences, permits, rights-of-way and.transfers.

Figure 26

***LAND ACT* TENURE PORTFOLIO**
AS OF MARCH 31, 1990, BY LANDS REGION
AREA IN HECTARES

PROGRAM	Vancouver Island	Lower Mainland	Thompson-Okanagan	Kootenay	Cariboo	Skeena	Omineca	Peace	All
LAND									
Extensive Ag.	128	41	1,725	1,499	23,514	8,574	39,665	73,219	**148,365**
Intensive Ag.	7	12	176	37	20	347	26	0	**625**
Grazing	44	24	88,199	1,141	43,941	19,252	3,300	26,334	**182,235**
Aquaculture	26	16	0	0	0	0	0	0	**42**
Industrial	488	1,068	931	940	153	274	379	8,507	**12,740**
Commercial	370	15,271	977	7,513	4,187	214	520	113	**29,165**
Residential	94	342	464	140	4,339	232	350	69	**6,030**
Utility	2,973	4,975	12,872	7,631	5,327	3,723	1,570	11,339	**50,410**
Community	405	402	471	319	343	265	393	537	**3,135**
Institutional	632	2,405	1,680	520	325	4,029	1,046	570	**11,207**
Quarrying	302	2,019	596	197	264	618	968	206	**5,170**
Transportation	310	32	34	56	212	412	676	250	**1,982**
Communication	111	73	190	124	121	121	144	10,359	**11,243**
Miscellaneous	832	674	501	433	4,412	963	881	0	**8,696**
LAND TOTAL	**6,722**	**27,354**	**108,816**	**20,550**	**87,158**	**39,024**	**49,918**	**131,503**	**471,045**
AQUATIC									
Aquaculture	2,664	1,005	0	0	0	81	0	0	**3,750**
Industrial	5,846	2,513	273	571	533	1,748	659	94	**12,237**
Commercial	368	892	79	27	56	100	3	5	**1,530**
Residential	57	48	8	5	7	2	0	0	**127**
Utility	3,676	4,757	837	152	35	344	9	7	**9,817**
Community	10	10	36	4	1	404	0	1	**466**
Institutional	288	1,859	100	18	0	1	3	0	**2,269**
Quarrying	1	12	17	0	6	231	0	0	**267**
Transportation	18	315	1	3	1	9	1	0	**348**
Communication	0	5	0	0	0	0	0	0	**5**
Miscellaneous	23,032	991	260	0	0	7	2	0	**24,292**
AQUATIC TOTAL	**35,960**	**12,407**	**1,611**	**780**	**639**	**2,927**	**677**	**107**	**55,108**
GRAND TOTAL	**42,682**	**39,761**	**110,427**	**21,330**	**87,797**	**41,951**	**50,595**	**131,610**	**526,153**

Note: Includes leases, licences, permits, rights-of-way and transfers. Totals adjusted to compensate for rounding errors.

Figure 27

***LAND ACT* RESERVE PORTFOLIO**
AS OF MARCH 31, 1990, BY LANDS REGION
NUMBER OF RESERVES

PROGRAM	Vancouver Island	Lower Mainland	Thompson-Okanagan	Kootenay	Cariboo	Skeena	Omineca	Peace	All
LAND									
Extensive Ag.	0	0	0	2	10	5	8	1	26
Intensive Ag.	0	0	0	1	1	1	0	0	3
Grazing	0	1	25	1	90	0	3	11	131
Aquaculture	0	1	0	0	0	0	0	0	1
Industrial	1	3	3	9	4	10	5	4	39
Commercial	6	15	36	50	43	68	67	64	349
Residential	1	4	11	88	28	9	14	1	156
Utility	3	1	7	1	2	7	3	3	27
Community	0	1	0	2	1	1	2	4	11
Institutional	7	17	16	16	1	27	8	19	111
Quarrying	68	91	324	222	274	266	300	260	1,805
Transportation	101	53	55	69	62	87	14	85	526
Communication	7	33	35	32	23	36	15	14	195
Miscellaneous	243	484	702	615	824	656	249	285	4,058
LAND TOTAL	**437**	**704**	**1,214**	**1,108**	**1,363**	**1,173**	**688**	**751**	**7,438**
AQUATIC									
Aquaculture	5	4	0	0	0	0	0	0	9
Industrial	26	30	0	1	6	14	0	0	77
Commercial	0	1	0	0	0	0	0	0	1
Residential	0	1	0	0	0	0	0	0	1
Utility	9	1	0	0	0	0	0	0	10
Community	0	4	0	0	0	0	0	0	4
Institutional	5	9	1	1	0	1	0	0	17
Quarrying	3	19	0	0	0	1	2	2	27
Transportation	113	70	20	17	8	39	7	1	275
Communication	0	6	2	0	0	0	0	0	8
Miscellaneous	111	107	41	40	22	69	14	23	427
AQUATIC TOTAL	**272**	**252**	**64**	**59**	**36**	**124**	**23**	**26**	**856**
GRAND TOTAL	**709**	**956**	**1,278**	**1,167**	**1,399**	**1,297**	**711**	**777**	**8,294**

Figure 28

***LAND ACT* RESERVE PORTFOLIO**
AS OF MARCH 31, 1990, BY LANDS REGION
AREA IN HECTARES

PROGRAM	Vancouver Island	Lower Mainland	Thompson-Okanagan	Kootenay	Cariboo	Skeena	Omineca	Peace	All
LAND									
Extensive Ag.	0	0	0	54	3,495	352	826	8,000	**12,727**
Intensive Ag.	0	0	0	66	0	8	0	0	**74**
Grazing	0	24,056	1,546	380	19,469	0	3,530	162,337	**211,318**
Aquaculture	0	20	0	0	0	0	0	0	**20**
Industrial	400	8	287	2,533	375	140	5,850	4	**9,597**
Commercial	1	14,548	11,080	10,266	45	81	12	2	**36,035**
Residential	0	11	765	845	2,394	5	206	65	**4,291**
Utility	20	3	186	1	19	0	0	105,010	**105,239**
Community	0	0	0	25	0	0	0	59	**84**
Institutional	672	1,077	260	866	4	180	56	82	**3,197**
Quarrying	1,668	53,390	19,947	4,854	11,089	6,415	18,672	13,580	**129,615**
Transportation	1,488	959	547	4,302	636	3,946	341	1,109	**13,328**
Communication	1	17	398	344	50	137	319	171	**1,437**
Miscellaneous	335,069	46,186	390,833	843,116	295,325	376,803	62,311	142,160	**2,491,803**
LAND TOTAL	**339,319**	**140,275**	**425,849**	**867,652**	**332,901**	**388,067**	**92,123**	**432,579**	**3,018,765**
AQUATIC									
Aquaculture	52	21	0	0	0	0	0	0	**73**
Industrial	594	458	0	33	7,395	1,251	0	0	**9,731**
Commercial	0	60	0	0	0	0	0	0	**60**
Residential	0	2	0	0	0	0	0	0	**2**
Utility	16,085	0	0	0	0	0	0	0	**16,085**
Community	0	202	0	0	0	0	0	0	**202**
Institutional	26	30	1	5,000	0	0	0	0	**5,057**
Quarrying	92	101	0	0	0	0	22	282	**497**
Transportation	798	123	10	292	8	178	0	0	**1,409**
Communication	0	442	0	0	0	0	0	0	**442**
Miscellaneous	40,613	36,929	4,866	1,620	1,392	14,343	661	2,000	**102,424**
AQUATIC TOTAL	**58,260**	**38,368**	**4,877**	**6,945**	**8,795**	**15,772**	**683**	**2,282**	**135,982**
GRAND TOTAL	**397,579**	**178,643**	**430,726**	**874,597**	**341,696**	**403,839**	**92,806**	**434,861**	**3,154,747**

Note: Totals adjusted to compensate for rounding errors.